ACTA MATHEMATICA HUNGARICA

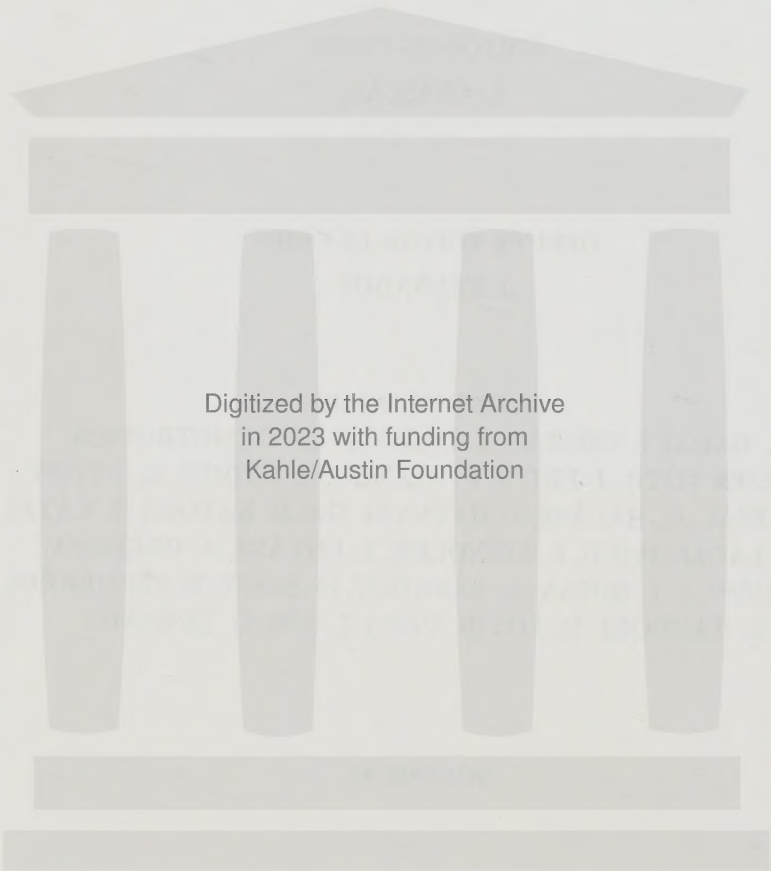
EDITOR–IN–CHIEF
Á. CSÁSZÁR

DEPUTY EDITOR–IN–CHIEF
J. SZABADOS

EDITORIAL BOARD
L. BABAI, I. CSISZÁR, Z. DARÓCZY, J. DEMETROVICS,
L. FEJES TÓTH, J. FRITZ, F. GÉCSEG, B. GYIRES, K. GYŐRY,
A. HAJNAL, G. HALÁSZ, L. HATVANI, G.O.H. KATONA, I. KÁTAI,
M. LACZKOVICH, L. LEINDLER, L. LOVÁSZ, A. PRÉKOPA,
P. RÉVÉSZ, I. Z. RUZSA, A. SÁRKÖZY, D. SZÁSZ, E. SZEMERÉDI,
K. TANDORI, V. TOTIK, VERA T. SÓS, G. TUSNÁDY

VOLUME 87

AKADÉMIAI KIADÓ, BUDAPEST
2000



Digitized by the Internet Archive
in 2023 with funding from
Kahle/Austin Foundation

https://archive.org/details/acta-mathematica-hungarica-amhu_2000_87_contents

CONTENTS

VOLUME 87

Aizpuru, A. and *Pérez-Fernández, J.*, Spaces of $\mathcal{S}$-bounded multiplier convergent series 135
Bandyopadhyay, S. and *De, U. C.*, On weakly symmetric spaces 205
Baran, M., Closure operators in convergence spaces 33
Bazsó, F., Derivation of vector-valued Boolean functions 197
Bisgaard, T. M., On the topology induced by mixtures of exponentials ... 235
Bor-Luh Lin and *Cao-Zong Cheng*, A minimax theorem involving weakly downward functions 287
Brzdęk, J., On the isosceles orthogonally exponential mappings 147
Buczolich, Z., Lipeomorphisms, sets of bounded variation and integrals .. 243
Bugeaud, Y. and *Hajdu, L.*, Lower bounds for the difference $ax^n - by^m$ .. 279
Cao-Zong Cheng, see *Bor-Luh Lin*
Cheng Riyan, see *Gan Shixin*
Császár, Á., γ-compact spaces 99
De, U. C., see *Bandyopadhyay, S.*
Doğruöz, S. and *Smith, P. F.*, Modules which are weak extending relative to module classes 1
Feigelstock, S., Non-abelian nil groups 229
Gan Shixin and *Cheng Riyan*, A new characterization of p-smoothable functions 121
Hajdu, L., see *Bugeaud, Y.*
Kátai, I. and *Phong, B. M.*, A characterization of n^s as a multiplicative function 317
Kuba, G., The number of lattice points above the catenary 173
Larcher, G., Schmid, W. Ch. and *Wolf, R.*,, On the approximation of certain mass distributions apparing in distance geometry 295
León, J. and *Leonard, A.*, Weak convergence of a nonlinear functional of a stationary Gaussian process. Application to the local time 71
Leonard, A., see *León, J.*
Mutafchiev, L. R., Large distinct part sizes in a random integer partition 47
Nathanson, M. B., Asymptotic density and the asymptotics of partition functions 179

3 560HI XL 1586 IC1
12/00 31249-200 NIJLE

Pérez-Fernández, J., see *Aizpuru, A.*
Péter, Erika, A probability limit theorem for $\{f(nx)\}$ 11
Phong, B. M., see *Kátai, I.*
Puchta, J.-C., On large oscillations of the remainder of the prime number theorems 213
Sargos, P. and *Wu, J.*, Multiple exponential sums with monomials and their application in number theory 333
Schmid,Ch., see *Larcher, G.*
Smith, P. F., see *Doğruöz, S.*
Stipsicz, A. I., The geography problem of 4-manifolds with various structures 267
van den Berg, J. E., Weakly special classes of semiprime rings 153
Weisz, F., Two-dimensional conjugate martingale transforms 23
Wolf, R., see *Larcher, G.*
Wu, J., see *Sargos, P.*
Yoshimoto, M., Farey series and the Riemann hypothesis. IV 109